

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AIR QUALITY CONTROL MINOR PERMIT

Permit No.: AQ0272MSS01

Date: Final – January 16, 2007

The Alaska Department of Environmental Conservation (Department), under the authority of AS 46.14 and 18 AAC 50, issues Air Quality Control Minor Permit No. AQ0272MSS01 to the Permittee listed below.

Permittee: **BP Exploration (Alaska) Inc. (BPXA)**
900 East Benson Boulevard
Anchorage, AK 99508
(907) 561-5111

Owner and Operator: Same as Permittee

Stationary Source: **Lisburne Production Center (LPC)**

Project: **Temporary Power Provisions for Replacement of the L1 to LPC Pipeline**

Location of LPC: UTM Zone 6; Northing: 7798300; Easting: 446100

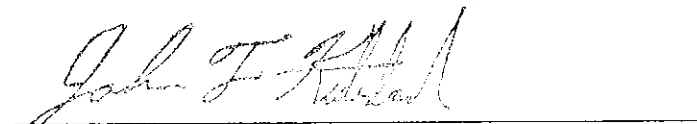
Physical Address: Lisburne Production Facility, Prudhoe Bay Unit, Alaska

Source Contact: Louis Cusack/ Rick Rodriguez
(907) 659-8641

Billing Contact: Jim Pfeiffer
900 East Benson Boulevard
Anchorage, AK 99508
(907) 564-4549

This project is classified under 18 AAC 50.502(c)(3) and 18 AAC 50.508(6), to revise or rescind terms and conditions of a Title I permit issued under 18 AAC 50.

This permit satisfies the requirements of 18 AAC 50. As required by AS 46.14.120(c), the Permittee shall comply with the terms and conditions of this minor permit.



John F. Kuterbach
Manager, Air Permits Program

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Section 1 Emission Unit Inventory

1. **Installation Authorization.** The Permittee is authorized to install the emission units listed in Table 1.

Table 1 – Minor Permit Temporary Emission Unit Inventory

ID	Source Tag No.	Source Description	Rating/Size
44	80-858	Temporary Backup Diesel Generator Pt. McIntyre Drill Site 2	890 hp [600 kW-e]
45	NA	Temporary Diesel Replacement Generator Pt. McIntyre Drill Site 2	2,850 hp [2,000 kW-e]

Table 2 – Minor Permit Existing Emission Unit Inventory

ID	Source Tag No.	Source Description	Rating/Size
29	80-891 (PM1-EDE4)	GM Detroit Allison Emergency Generator Pt. McIntyre Drill Site 1	1,377 hp [865 KW]
30	80-892 (PM2-EDE5)	GM Detroit Allison Emergency Generator Pt. McIntyre Drill Site 2	1,377 hp [865 KW]

2. **Maintenance.** The permittee shall maintain equipment according to manufacturer's or operator's maintenance procedures.

Section 2 State Emission Standards

3. **Visible Emissions.** The Permittee shall not cause or allow visible emissions, excluding condensed water vapor, emitted from replacement generator Emission Unit ID 45 listed in **Table 1** to reduce visibility through the exhaust effluent by any of the following:
 - a. more than 20 percent for a total of more than three minutes in any one hour¹;
 - b. more than 20 percent averaged over any six consecutive minutes².
- 3.1 If Emission Unit ID 45 begins operation, the Permittee shall perform a 40 CFR 60, Appendix A, Reference Method 9, Visual Determination of the Opacity of Emissions from Stationary Sources, within 30 days of start of operation.
4. **Particulate Matter (PM).** The Permittee shall not cause or allow PM emitted from replacement generator Emission Unit ID 45 listed in **Table 1** to exceed 0.05 grains per cubic foot (gr./dscf) of exhaust gas corrected to standard conditions and averaged over three hours.
5. **Sulfur Compound Emissions.** The Permittee shall not cause or allow sulfur compound emissions, expressed as SO₂, from replacement generator Emission Unit ID 45 listed in **Table 1** to exceed 500 ppm averaged over three hours.
- 5.1 For Emission Unit ID 45, using liquid fuel from a North Slope topping plant, the Permittee shall obtain from the topping plant the results of a monthly fuel sulfur analysis.
 - a. The Permittee shall include in the operating report required by condition 33, a list of the sulfur content measured for each month covered by the report.
 - b. If the fuel contains greater than 0.75 percent sulfur by weight, the Permittee shall calculate SO₂ emissions in ppm using either the SO₂ material balance calculation in section 17 or Method 19 of 40 CFR 60, Appendix A-7, adopted by reference in 18 AAC 50.040(a).
 - c. If SO₂ emissions are calculated under condition 5.1a to exceed 500 ppm, the Permittee shall report under condition 32. The report shall include the calculation under condition 5.1a.
 - d. For fuel with a sulfur content greater than 0.75% by weight, the Permittee shall include in the operating report required by condition 33 the calculated SO₂ emissions in PPM.

¹ For purposes of this permit, the “more than three minutes in any one hour” criterion in this condition will no longer be effective when the Air Quality Control (18 AAC 50) regulation package effective 05/03/02 is adopted by the U.S. EPA.

² The six-minute average standard is enforceable only by the state until 18 AAC 50.055(a)(1), dated 05/03/02, is approved by EPA and adopted into the SIP, at which time this standard becomes federally enforceable.

Section 3 Ambient Air Quality Protection Requirements

6. Drill rig operation at Point McIntyre 1 (PM1) is prohibited while Emission Unit ID 29 is operating during the pipeline replacement activities.
7. Comply with condition 16.
8. The trailer that houses Emission Unit ID 29 must be rotated 90 degrees counterclockwise using the current southwest corner of the trailer as the rotation axis. This configuration must be maintained indefinitely.
9. Comply with condition 11.
10. Construct and maintain each exhaust stack for Emission Unit ID's 44 and 45
 - 10.1 With uncapped, vertical outlets – flapper valves, or similar, are allowed as long as they do not hinder the vertical momentum of the exhaust plume.
 - 10.2 To have a releases point that is at least 4.3 meters above grade.

Section 4 Temporary Pipeline Replacement Project Terms and Conditions

11. Conditions 1 through 10, 12 through 18, 20 through 25, and 27 shall expire on May 31, 2007. Permit AQ0272MSS01 expires July 31, 2008.
12. Condition 10 of Operating Permit No. 272TVP01, dated May 04, 2004 is temporarily rescinded for emergency generator Emission Unit ID 29 and emergency generator Emission Unit ID 30 and replaced by condition 15 of this permit.
13. To provide temporary power, the Permittee is authorized to operate generators on-site at the PM1 and Point McIntyre 2 (PM2) pads to maintain electrical power production and heat during the temporary pipeline replacement project period. During the estimated eight week period of the project, the Permittee may operate emergency generator Emission Unit ID 29, emergency generator Emission Unit ID 30, temporary backup generator Emission Unit ID 44 and replacement generator Emission Unit ID 45 listed in **Table 1** and **Table 2**, under the conditions of this permit.
14. The Permittee may swap out emergency generator Emission Unit ID 29 and emergency generator Emission Unit ID 30 with replacement generator Emission Unit ID 45.
 - 14.1 Replacement generator Emission Unit ID 45 shall be placed and operated at PM2.
 - 14.2 The Permittee shall not operate replacement generator Emission Unit ID 45 simultaneously with emergency generator Emission Unit ID 30, except during a transition period not to exceed 3 hours when switching power from/to Emission Unit ID 45 to/from Emission Unit ID 30.
 - 14.3 The Permittee shall keep a log of all hours of simultaneous operation of Emission Units ID 30 and ID 45.
 - 14.4 Within ten days of generator replacement the Permittee shall notify the Department in writing with the emission unit description, serial number of the replacement generator, and the emissions rate for all emissions, the anticipated length of operation and the updated projected total net emissions, for all emissions, during the temporary pipeline replacement period.
15. The permittee shall monitor and record the cumulative and rolling 12-month total hours of operation for emergency generator Emission Unit ID 29 and emergency generator Emission Unit ID 30. For each month covered by the report, include the rolling 12-month total hours of operation for each of emergency generator Emission Unit ID 29 and emergency generator Emission Unit ID 30 in the operating report required by condition 33.
16. The total project NO_x emissions authorized by Minor Permit No. AQ0272MSS01 is 41.4 tons during the temporary pipeline replacement period for emergency generators Emission Unit ID 29, emergency generator Emission Unit ID 30 and replacement generator Emission Unit ID 45.
 - 16.1 If the Permittee is operating either emergency generator Emission Unit ID 29 or emergency generator Emission Unit ID 30:

- a. If a source test has not been successfully performed, and the Permittee is using either unguaranteed vendor emission unit specific emissions factors or AP-42 emission factors on Emission Units ID 29 and ID 30, then all emissions calculated during operation of these units must be multiplied by 1.1 for evaluating compliance with the emission limit in condition 16.
 - b. If the Permittee uses guaranteed vendor emission unit specific emission factors or upon Department approval of source testing results for either emergency generator Emission Unit ID 29 or emergency generator Emission Unit ID 30 and revised emission factors are achieved, the Permittee may be authorized to eliminate the requirement for multiplying the emissions calculations by 1.1, and then may multiply the calculated emissions by 1 to evaluate compliance with the emission limit in condition 16.
- 16.2 If the Permittee is operating emergency generator Emission Unit ID 45:
 - a. If a source test has not been successfully performed, and the Permittee is using either unguaranteed vendor emission unit specific emissions factors or AP-42 emission factors on Emission Unit ID 45, then all emissions calculated during operation of this unit must be multiplied by 1.1 for evaluating compliance with the emission limit in condition 16.
 - b. If the Permittee uses guaranteed vendor emission unit specific emission factors or upon Department approval of source testing results and revised emission factors for Emission Unit ID 45, the Permittee may be authorized to eliminate the requirement for multiplying the emissions calculations by 1.1, and then may multiply the calculated emissions by 1 to evaluate compliance with the emission limit in condition 16.
17. The start date of the total net NO_x emission limit commences upon initial turn-over for providing replacement power under this project of any of the following: emergency generator Emission Unit ID 29, emergency generator Emission Unit ID 30, temporary backup generator Emission Unit ID 44 and replacement generator Emission Unit ID 45.
18. The Permittee shall calculate the total net emissions for the project by the following:
 - 18.1 The Permittee may use the following equation to calculate emissions for the project:
$$[(\text{lb emissions/gallons fuel}) * (\text{fuel usage in gallons})] / 2000 \text{ lbs per ton} * \text{the Department approved factor from condition 16} = \text{TPY emissions}.$$
 - 18.2 The total emissions shall be the sum of each specific emission generated by emergency generator Emission Unit ID 29, emergency generator Emission Unit ID 30 and replacement generator Emission Unit ID 45 used for the pipeline replacement period covered by Minor Permit No. AQ0272MSS01.
 - 18.3 The Permittee shall calculate emissions on a daily basis or after each fuel delivery is received during the pipeline replacement period.
 - 18.4 Include in the operating report required under condition 33 the total emissions determined in condition 18.2.

19. The operating time accumulated during the pipeline replacement period authorized by Minor Permit No. AQ0272MSS01 will not be counted towards the 140 hour per rolling 12-month period, maximum hours of operation for Emissions Units ID 29 and ID 30.
 - 19.1 The total cumulative emissions generated by Emission Units 29, 30 and 45 shall not exceed 41.4 tons, for the rolling 12-month period. This limit is for the cumulative operations of Emission Units 29, 30 and 45 for the construction period and any operation of Emission Units 29 and 30 from the end of the construction period, for a rolling 12-month period. The Permittee shall monitor, record and report this in the operating report required by condition 33.
20. The Permittee shall record the start date of the pipeline replacement period and provide written notice to the Department at least ten days prior to the start date listing the date and the project description. The Permittee may provide written notice as described in this condition prior to permit issuance.
21. The Permittee shall notify the Department in writing within ten days of the completion of the pipeline replacement period. The notification shall include the project completion date with the project description.
22. The Permittee shall accurately measure and record the fuel consumption for the emergency generator Emission Unit ID 29, emergency generator Emission Unit ID 30 and replacement generator Emission Unit ID 45 for the duration of the permit.
 - 22.1 Each emergency generator shall have a dedicated fuel tank. Fuel consumption shall be measured by monitoring each fuel delivery with custody transfer quality measurement methods.
 - 22.2 The fuel delivery period shall start with full fuel tanks and then monitoring all fuel deliveries for the duration of the project, including a final delivery to fill all dedicated fuel tanks at the conclusion of the project to get total fuel delivered.
 - 22.3 Fuel deliveries shall be equated to total fuel usage for the project and the fuel delivery amounts shall be used to calculate the emissions for the project.
 - 22.4 At the conclusion of the project if the Permittee does not perform a final fuel tank delivery and end with all dedicated tanks used with full tanks, then all the fuel in the tanks shall be assumed consumed and shall be used in calculating total net emissions.
23. The Permittee shall maintain all monitoring, recordkeeping, and reporting requirements as described in Operating Permit No. 272TVP01.
24. Report excess emissions or permit deviations to the Department in accordance with condition 32.
25. Condition 10 of Operating Permit No. 272TVP01 remains in effect for emissions units ID 24 through ID 28, ID 31 and ID 32 (as listed in Operating Permit No. 272TVP01).
26. At the completion of the project or May 31, 2007, whichever occurs first, Emissions Units ID 29 and ID 30 will be subject to condition 10 of Operating Permit No. 272TVP01 and further operation of Emissions Units ID 44 and ID 45 is not allowed under this permit.

Section 5 Emission Fees

27. **Assessable Emissions.** The Permittee shall pay to the Department emission fees based on the stationary source's additional assessable emissions for the temporary pipeline replacement project as determined by the Department under 18 AAC 50.410. The additional assessable emissions for the emission units authorized under this permit shall be in addition to the assessable emissions previously permitted. The assessable potential emissions for the emission units authorized under this permit are 53.79 tons.

Section 6 General Recordkeeping, Reporting, and Certification Requirements

28. **Certification.** The Permittee shall certify all reports, or other documents submitted to the Department and required under the permit by including the signature of a responsible official for the permitted stationary source following the statement: "Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete." Excess emissions reports must be certified either upon submittal or with an operating report required for the same reporting period. All other reports and other documents must be certified upon submittal.
29. **Submittals.** Unless otherwise directed by the Department or this permit, the Permittee shall send two copies of reports, compliance certifications, and other submittals required by this permit to ADEC, Air Permits Program, 610 University Ave., Fairbanks, AK 99709-3643, ATTN: Compliance Technician. The Permittee may, upon consultation with the Compliance Technician regarding software compatibility, provide electronic copies of data reports, emission source test reports, or other records under a cover letter certified in accordance with condition 28.
30. **Information Requests.** The Permittee shall furnish to the Department, within a reasonable time, any information the Department requests in writing to determine whether cause exists to modify, revoke, reissue, or terminate the permit or to determine compliance with the permit. Upon request, the Permittee shall furnish to the Department copies of records required to be kept by the permit. The Department may require the Permittee to furnish copies of those records directly to the federal administrator.
31. **Recordkeeping Requirements.** The Permittee shall keep all records required by this permit for at least five years after the date of collection, including:
 - 31.1 copies of all reports and certifications submitted pursuant to this section of the permit; and
 - 31.2 records of all monitoring required by this permit, and information about the monitoring including (if applicable):
 - a. calibration and maintenance records, original strip chart or computer-based recordings for continuous monitoring instrumentation;
 - b. sampling dates and times of sampling or measurements;
 - c. the operating conditions that existed at the time of sampling or measurement;
 - d. the date analyses were performed;
 - e. the location where samples were taken;
 - f. the company or entity that performed the sampling and analyses;
 - g. the analytical techniques or methods used in the analyses; and
 - h. the results of the analyses
32. **Excess Emissions and Permit Deviation Reports.**

32.1 Except as provided in condition 35, the Permittee shall report all emissions or operations that exceed or deviate from the requirements of this permit as follows:

- a. In accordance with 18 AAC 50.240(c), as soon as possible after the event commenced or is discovered, report
 - (i) emissions that present a potential threat to human health or safety; and
 - (ii) excess emissions that the Permittee believes to be unavoidable;
- b. in accordance with 18 AAC 50.235(a), within two working days after the event commenced or was discovered, report an unavoidable emergency, malfunction, or nonroutine repair that caused emissions in excess of a technology based emissions standard;
- c. report all other excess emissions and permit deviations
 - (i) within 30 days of the end of the month in which emissions or deviation occurs or is discovered, except as provided in condition 32.1c(ii) and 32.1c(iii);
 - (ii) if a continuous or recurring excess emissions is not corrected within 48 hours of discovery, within 72 hours of discovery unless the Department provides written permission to report under 32.1c(i); and
 - (iii) for failure to monitor, as required in other applicable conditions of this permit.

32.2 The Permittee must report using either the department's on-line form, the form contained in Section 19 of Operating Permit No. 272TVP01 or the form provided in Attachment 2 of this permit. The Permittee must provide all information called for by the form that is used.

32.3 If requested by the Department, the Permittee shall provide a more detailed written report as requested to follow up an excess emissions report.

33. **Operating Reports.** During the life of this permit, the Permittee shall submit to the Department an original and two copies of an operating report by July 31, 2007 for the period of the construction. This does not replace the requirements of operating report requirements under Operating Permit No. 272TVP01.

33.1 The operating report must include all information required to be in operating reports by other conditions of this permit

33.2 If excess emissions or permit deviations that occurred during the reporting period are not reported under 33.1, either

- a. The Permittee shall identify
 - (i) the date of the deviation;
 - (ii) the equipment involved;
 - (iii) the permit condition affected;
 - (iv) a description of the excess emissions or permit deviation; and

- (v) any corrective action or preventative measures taken and the date of such actions; or
 - b. when excess emissions or permit deviations have already been reported under condition 32 the Permittee may cite the date or dates of those reports.
- 34. The Permittee shall allow the Department or an inspector authorized by the Department upon presentation of credentials and at reasonable times with the consent of the owner or operator to
 - 34.1 enter upon the premises where an emissions unit subject to this permit is located or where records required by the permit are kept;
 - 34.2 have access to and copy any records required by this permit
 - 34.3 inspect any stationary source, equipment, practices, or operations regulated by or referenced in the permit; and
 - 34.4 sample or monitor substances or parameters to assure compliance with the permit or other applicable requirements.
- 35. **Air Pollution Prohibited.** No person may permit any emissions which is injurious to human health or welfare, animal or plant life, or property, or which would unreasonably interfere with the enjoyment of life or property.
 - 35.1 If emissions present a potential threat to health or safety, the Permittee shall report any such emissions according to condition 32.
 - 35.2 As soon as practicable after becoming aware of a complaint that is attributable to emissions from the stationary source, the Permittee shall investigate the complaint to identify emissions that the Permittee believes have caused or are causing a violation of condition 35.
 - 35.3 The Permittee shall initiate and complete corrective action necessary to eliminate any violation identified by a complaint or investigation as soon as practicable if
 - a. after investigation because of complaint or other reason, the Permittee believes that emissions from the stationary source have caused or are causing a violation of condition 35; or
 - b. the Department notifies the Permittee that it has found a violation of condition 35.
 - 35.4 The Permittee shall keep records of
 - a. the date and time, and nature of all emissions complaints received;
 - b. the name of the person or persons that complained, if known;
 - c. a summary of any investigation, including reasons the Permittee does or does not believe the emissions have caused a violation of condition 35; and
 - d. any corrective actions taken or planned for complaints attributable to emissions from the stationary source.

- 35.5 With each operating report under condition 33, the Permittee shall include a brief summary report which must include
- a. the number of complaints received
 - b. the number of times the Permittee or the Department found corrective action necessary;
 - c. the number of times action was taken on a complaint within 24 hours; and
 - d. the status of corrective actions the Permittee or department found necessary that were not taken within 24 hours.
 - e. The Permittee shall notify the Department of a complaint that is attributable to emissions from the stationary source within 24 hours after receiving the complaint, unless the Permittee has initiated corrective action within 24 hours of receiving the complaint.
36. **Reference Test Methods.** The Permittee shall use the following references for test methods when conducting source testing for compliance with this permit:
- 36.1 Source testing for the reduction in visibility through the exhaust effluent must be conducted in accordance with the procedures set out in 40 C.F.R. 60, Appendix A, Reference Method 9. The Permittee may use the form in Attachment 1 of this permit to record data.
- 36.2 Source testing for emissions of total particulate matter, sulfur compounds, nitrogen compounds, carbon monoxide, lead, volatile organic compounds, fluorides, sulfuric acid mist, municipal waste combustor organics, metals and acid gases must be conducted in accordance with the methods and procedures specified in 40 C.F.R. 60, Appendix A.
- 36.3 Source testing for emissions of PM-10 must be conducted in accordance with the procedures specified in 40 C.F.R. 51, Appendix M, Methods 201 or 201A and 202.
- Source testing for emissions of any contaminant may be determined using an alternative method approved by the Department in accordance with 40 C.F.R. 63 Appendix A, Method 301.

Section 7 Terms to Make Permit Enforceable

37. The Permittee must comply with each permit term and condition. Noncompliance with a permit term or condition constitutes a violation of AS 46.14, 18 AAC 50, and, except for those terms or conditions designated in the permit as not federally enforceable, the Clean Air Act, and is grounds for
 - 37.1 an enforcement action; or
 - 37.2 permit termination, revocation and reissuance, or modification in accordance with AS 46.14.280.
38. It is not a defense in an enforcement action to claim that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with a permit term or condition.
39. Each permit term and condition is independent of the permit as a whole and remains valid regardless of a challenge to any other part of the permit.
40. Compliance with permit terms and conditions is considered to be compliance with those requirements that are
 - 40.1 included and specifically identified in the permit; or
 - 40.2 determined in writing in the permit to be inapplicable.
41. The permit may be modified, reopened, revoked and reissued, or terminated for cause. A request by the Permittee for modification, revocation and reissuance, or termination or a notification of planned changes or anticipated noncompliance does not stay any permit condition.
42. The permit does not convey any property rights of any sort, nor any exclusive privilege.

Section 8 General Source Test Requirements

43. **Requested Source Tests.** In addition to any source testing explicitly required by this permit, the Permittee shall conduct source testing as requested by the Department to determine compliance with applicable permit requirements.
44. **Test Deadline Extension.** The Permittee may request an extension to a source test deadline established by the Department. The Permittee may delay a source test beyond the original deadline only if the extension is approved in writing by the Department's appropriate division director or designee.
45. **Test Plans.** Before conducting any source tests, the Permittee shall submit a plan to the Department. The plan must include the methods and procedures to be used for sampling, testing, and quality assurance, and must specify how the emissions unit will operate during the test and how the Permittee will document that operation. The Permittee shall submit a complete test plan at least 30 days before the scheduled date of any test unless the Department agrees in writing to some other time period. Retesting may be done without resubmitting the plan.
46. **Test Notification.** At least 10 days before conducting a source test, the Permittee shall give the Department written notice of the date and time the source test will begin.
47. **Test Reports.** Within 60 days after completing a source test, the Permittee shall submit two copies of the results in the format set out in the *Source Test Report Outline*, adopted by reference in 18 AAC 50.030. The Permittee shall certify the results as set out in condition 28. If requested in writing by the Department, the Permittee must provide preliminary results in a shorter period of time specified by the Department.

Section 9 Permit Documentation

October 24, 2006	BPXA Air Quality Control Minor Permit Application Received (application dated October 17, 2006)
November 21, 2006	E-Mail from Sims Duggins "Permit for BPXA L1 to LPC Pipeline Replacement Project"
November 21, 2006	E-Mail from Sims Duggins "Portable Analyzer Testing procedure"
November 28, 2006	E-Mail from Sims Duggins "L1 to LPC Pipeline Replacement project - permit request"
November 28, 2006	E-Mail from Jim Pfeiffer "RE: L1 to LPC Pipeline Replacement project - permit request"
November 29, 2006	E-Mail from Sims Duggins "RE: L1 to LPC Pipeline Replacement project - permit request"
December 7, 2006	E-mail from Bill Walker "Lisburne - Nonroad engine or replacement stationary engine?"

Attachment 1 - Visible Emissions Form

Visible Emissions Field Data Sheet

Certified Observer: _____

Company &
Stationary Source: _____

Location: _____

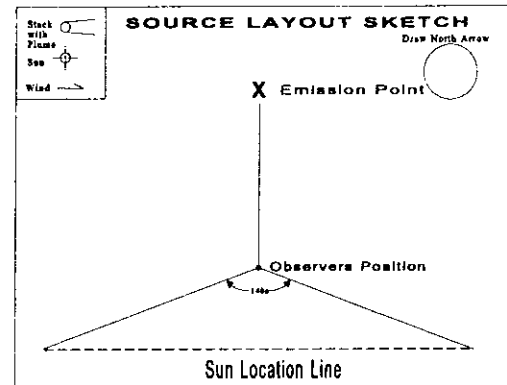
Test No.: _____ Date: _____

Source: _____

Production Rate/Operating Rate: _____

Unit Operating Hours: _____

Hrs. of observation: _____



Clock Time	Initial				Final
Observer location					
Distance to discharge					
Direction from discharge					
Height of observer point					
Background description					
Weather conditions					
Wind Direction					
Wind speed					
Ambient Temperature					
Relative humidity					
Sky conditions: (clear, overcast, % clouds, etc.)					
Plume description:					
Color					
Distance visible					
Water droplet plume? (Attached or detached?)					
Other information					

Page ____ of ____

Test Number _____ Clock time _____

Additional information:

Certified By and Date

Duration Required by Permit (minutes)

Highest Six -Minute Average Opacity (%)

In compliance with six-minute opacity limit? (Yes or No) _____

Set Number	Time Start—End	Opacity	
		Sum	Average

Attachment 2 - ADEC Notification Form¹

Excess Emissions and Permit Deviation Reporting
State of Alaska Department of Environmental Conservation
Division of Air Quality

Stationary Source Name

Air Quality Permit Number

Company Name

When did you discover the Excess Emissions/Permit Deviation?

Date: / / Time: :

When did the event/deviation?

Begin: Date: / / Time: : (please use 24hr clock)

End: Date: / / Time: : (please use 24hr clock)

What was the duration of the event/deviation: : (hrs:min) or days
(total # of hrs, min, or days, if intermittent then include only the duration of the actual emissions/deviation)

Reason for notification: (please check only 1 box and go to the corresponding section)

☐ Excess Emissions Complete Section 1 and Certify

☐ Deviation from permit conditions complete Section 2 and certify

☐ Deviation from COBC, CO, or Settlement Agreement Complete Section 2 and certify

Section 1. Excess Emissions

(a) Was the exceedance ☐ Intermittent or ☐ Continuous

(b) Cause of Event (Check one that applies):

☐ Start Up/Shut Down

☐ Natural Cause (weather/earthquake/flood)

☐ Control Equipment Failure

☐ Scheduled Maintenance/Equipment Adjustments

☐ Bad fuel/coal/gas

☐ Upset Condition

☐ Other

(c) Description

Describe briefly what happened and the cause. Include the parameters/operating conditions exceeded, limits, monitoring data and exceedance.

(d) Emission unit(s) Involved:

Identify the emission units involved in the event, using the same identification number and name as in the permit. Identify each emission standard potentially exceeded during the event and the exceedance.

¹ Revised as of December 6, 2004

<u>EU ID</u>	<u>Emission Unit Name</u>	<u>Permit Condition Exceeded/Limit/Potential Exceedance</u>

(e) Type of Incident (please check only one):

- | | | |
|--|--|---|
| <input type="checkbox"/> Opacity % | <input type="checkbox"/> Venting (gas/scf) | <input type="checkbox"/> Control Equipment Down |
| <input type="checkbox"/> Fugitive Emissions | <input type="checkbox"/> Emission Limit Exceeded | <input type="checkbox"/> Record Keeping Failure |
| <input type="checkbox"/> Marine Vessel Opacity | <input type="checkbox"/> Failure to monitor/report | <input type="checkbox"/> Flaring |
| <input type="checkbox"/> Other: | | |

(f) Unavoidable Emissions:

Do you intend to assert that these excess emissions were unavoidable?

☐ YES

☐ NO

Do you intend to assert the affirmative defense of 18 AAC 50.235?

☐ YES

☐ NO

Certify Report (go to end of form)

Section 2. Permit Deviations

(a) Permit Deviation Type (check one only) (check boxes correspond with sections in permit)

- ☐ Emission Unit Specific
☐ General Source Test/Monitoring Requirements
☐ Recordkeeping/Reporting/Compliance Certification
☐ Standard Conditions Not Included in Permit
☐ Generally Applicable Requirements
☐ Reporting/Monitoring for Diesel Engines
☐ Insignificant Emission Unit
☐ Stationary Source-Wide
☐ Other Section: (title of section and section # of your permit)

(b) Emission unit(s) Involved:

Identify the emission unit involved in the event, using the same identification number and name as in the permit. List the corresponding Permit condition and the deviation.

<u>EU ID</u>	<u>Emission Unit Name</u>	<u>Permit Condition /Potential Deviation</u>

(c) Description of Potential Deviation: Describe briefly what happened and the cause. Include the parameters/operating conditions and the potential deviation.

(d) Corrective Actions: Describe actions taken to correct the deviation or potential deviation and to prevent future recurrence.

Certification:

Based on information and belief formed after reasonable inquiry, I certify that the statements and information in and attached to this document are true, accurate, and complete.

Printed Name: _____ Title _____ Date _____

Signature: _____ Phone number _____

To Submit this report:

Fax this form to: 907-451-2187

Or

Email to: airreports@dec.state.ak.us

if emailed, the report must be certified.

Or

Mail to: ADEC
Air Permits Program
610 University Avenue
Fairbanks, AK 99709-3643

Or

Phone notifications: 907-451-5173.

Phone notifications require written follow up report within the deadline listed in condition

32.

Or

Online submission of this report can be made at the following website (*Website is not yet available*). *If submitted online, the report must be certified.*

Signature: _____

Date _____

